

Dialog 10/799,284
LLM 11/18/05

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

***** HHHHHHHH SSSSSSSS? ### Status: Signing onto Dialog *****

ENTER PASSWORD:

***** HHHHHHHH SSSSSSSS? *****

Status: Login successfulWelcome to DIALOG

Dialog level 05.08.03D

Last logoff: 16nov05 16:38:21

Logon file405 18nov05 14:12:07

*** ANNOUNCEMENT ***

--UPDATED: Important Notice to Freelance Authors--

See HELP FREELANCE for more information

NEW FILES RELEASED

***Index Chemicus (File 302)

***Inspec (File 202)

***Physical Education Index (File 138)

***Computer and Information Systems Abstracts (File 56)

***Electronics and Communications Abstracts (File 57)

***Solid State and Superconductivity Abstracts (File 68)

***ANTE: Abstracts in New Technologies (File 60)

RELOADS COMPLETED

*** The 2005 reload of the CLAIMS files (Files 340, 341, 942)
is now available online.

RESUMED UPDATING

***ERIC (File 1)

Chemical Structure Searching now available in Prous Science Drug
Data Report (F452), Prous Science Drugs of the Future (F453),
IMS R&D Focus (F445/955), Pharmaprojects (F128/928), Beilstein
Facts (F390), Derwent Chemistry Resource (F355) and Index Chemicus
(File 302).

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<

>>> of new databases, price changes, etc. <<<

* * *

SYSTEM:HOME

Cost is in DialUnits

Menu System II: D2 version 1.7.9 term=ASCII

*** DIALOG HOMEBASE(SM) Main Menu ***

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
5. Product Descriptions

Connections:

6. DIALOG(R) Document Delivery
7. Data Star(R)

(c) 2003 Dialog, a Thomson business.

All rights reserved.

/H = Help

/L = Logoff

/NOMENU = Command Mode

Enter an option number to view information or to connect to an online service. Enter a BEGIN command plus a file number to search a database (e.g., B1 for ERIC).

?

Terminal set to DLINK

*** DIALOG HOMEBASE(SM) Main Menu ***

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
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Connections:

6. DIALOG(R) Document Delivery
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/H = Help

/L = Logoff

/NOMENU = Command Mode

Enter an option number to view information or to connect to an online service. Enter a BEGIN command plus a file number to search a database (e.g., B1 for ERIC).

? b biosci

```
>>>          44 is unauthorized
>>>          76 is unauthorized
>>>2 of the specified files are not available
    18nov05 14:12:25 User276741 Session D61.1
        $0.00      0.220 DialUnits FileHomeBase
    $0.00 Estimated cost FileHomeBase
    $0.08 TELNET
    $0.08 Estimated cost this search
    $0.08 Estimated total session cost   0.220 DialUnits
```

SYSTEM:OS - DIALOG OneSearch

```
File   5:Biosis Previews(R) 1969-2005/Nov W2
      (c) 2005 BIOSIS
File  24:CSA Life Sciences Abstracts 1966-2005/Oct
      (c) 2005 CSA.
File  28:Oceanic Abstracts 1966-2005/Oct
      (c) 2005 CSA.
File  34:SciSearch(R) Cited Ref Sci 1990-2005/Nov W2
      (c) 2005 Inst for Sci Info
File  35:Dissertation Abs Online 1861-2005/Oct
      (c) 2005 ProQuest Info&Learning
File  40:Enviroline(R) 1975-2005/Jul
File  41:Pollution Abstracts 1966-2005/Oct
      (c) 2005 CSA.
File  50:CAB Abstracts 1972-2005/Oct
      (c) 2005 CAB International
File  65:Inside Conferences 1993-2005/Nov W2
      (c) 2005 BLDSC all rts. reserv.
```

File 71:ELSEVIER BIOBASE 1994-2005/Nov W2
(c) 2005 Elsevier Science B.V.

File 73:EMBASE 1974-2005/Nov 18
(c) 2005 Elsevier Science B.V.

File 91:MANTIS(TM) 1880-2005/Jun
2001 (c) Action Potential

File 94:JICST-EPlus 1985-2005/Sep W2
(c)2005 Japan Science and Tech Corp(JST)

File 98:General Sci Abs/Full-Text 1984-2004/Dec
(c) 2005 The HW Wilson Co.

File 110:WasteInfo 1974-2002/Jul
(c) 2002 AEA Techn Env.

***File 110: This file is closed (no updates)**
File 135:NewsRx Weekly Reports 1995-2005/Nov W2
(c) 2005 NewsRx

File 136:BioEngineering Abstracts-1966-2005/Oct (c) 2005 CSA.

File 143:Biol. & Agric. Index 1983-2005/Sep
(c) 2005 The HW Wilson Co

File 144:Pascal 1973-2005/Nov W1
(c) 2005 INIST/CNRS

File 155:MEDLINE(R) 1951-2005/Nov 15
(c) format only 2005 Dialog

***File 155: Completed records will cease to update on 16 November. Please**
see HELP NEWS 154 for details.

File 164:Allied & Complementary Medicine 1984-2005/Nov
(c) 2005 BLHCIS

File 172:EMBASE Alert 2005/Nov 18
(c) 2005 Elsevier Science B.V.

File 185:Zoological Record Online(R) 1978-2005/Nov
(c) 2005 BIOSIS

File 357:Derwent Biotech Res. _1982-2005/Nov W3
(c) 2005 Thomson Derwent & ISI

File 369:New Scientist 1994-2005/Jul W4
(c) 2005 Reed Business Information Ltd.

File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS

***File 370: This file is closed (no updates). Use File 47 for more current**
information.

File 391:Beilstein Reactions 2005/Q2
(c) 2005 Beilstein GmbH

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

File 467:ExtraMED(tm) 2000/Dec
(c) 2001 Informania Ltd.

***File 467: F467 no longer updates; see Help News467.**

7.

Set	Items	Description
---	-----	-----
?	s	((lentivirus or lentiviral) (w) vector) and ((human(w) immunodeficiency (w) virus) or HIV or (simian (w) immunodeficiency (w) virus) or (SIV) or (visna (w) maedi (w) virus) or (VMV) or (caprine (w) arthritis (w) encephalitis (w) virus) or (CAEV) or (equine (w) infectious (w) anaemia) or (EIAV) or (feline (w) immunodeficiency (w) virus) or (FIV) or (bovine (w) immunodeficiency (w) virus) or (BIV))
		Processing
	Processed 10 of 29 files ...	
		Processing
		Processing
	Processed 20 of 29 files ...	
		Processing
		Completed processing all files

```

64146 LENTIVIRUS
10246 LENTIVIRAL
840303 VECTOR
5089 (LENTIVIRUS OR LENTIVIRAL) (W) VECTOR
22450299 HUMAN
793960 IMMUNODEFICIENCY
2865844 VIRUS
574765 HUMAN (W) IMMUNODEFICIENCY (W) VIRUS
837127 HIV
96614 SIMIAN
793960 IMMUNODEFICIENCY
2865844 VIRUS
25309 SIMIAN (W) IMMUNODEFICIENCY (W) VIRUS
25224 SIV
5689 VISNA
3957 MAEDI
2865844 VIRUS
1966 VISNA (W) MAEDI (W) VIRUS
175 VMV
14258 CAPRINE
629233 ARTHRITIS
122572 ENCEPHALITIS
2865844 VIRUS
2587 CAPRINE (W) ARTHRITIS (W) ENCEPHALITIS (W) VIRUS
1554 CAEV
108743 EQUINE
1112599 INFECTIOUS
74483 ANAEMIA
1728 EQUINE (W) INFECTIOUS (W) ANAEMIA
2460 EIAV
68584 FELINE
793960 IMMUNODEFICIENCY
2865844 VIRUS
9780 FELINE (W) IMMUNODEFICIENCY (W) VIRUS
9268 FIV
897429 BOVINE
793960 IMMUNODEFICIENCY
2865844 VIRUS
1133 BOVINE (W) IMMUNODEFICIENCY (W) VIRUS
1911 BIV
S1 2136 ((LENTIVIRUS OR LENTIVIRAL) (W) VECTOR) AND ((HUMAN (W)
IMMUNODEFICIENCY (W) VIRUS) OR HIV OR (SIMIAN (W)
IMMUNODEFICIENCY (W) VIRUS) OR (SIV) OR (VISNA (W) MAEDI
(W) VIRUS) OR (VMV) OR (CAPRINE (W) ARTHRITIS (W)
ENCEPHALITIS (W) VIRUS) OR (CAEV) OR (EQUINE (W)
INFECTIOUS (W) ANAEMIA) OR (EIAV) OR (FELINE (W)
IMMUNODEFICIENCY (W) VIRUS) OR (FIV) OR (BOVINE (W)
IMMUNODEFICIENCY (W) VIRUS) OR (BIV))
? s s1 and ((dorsal (w) root (w) ganglion) or DRG)
2136 S1
407981 DORSAL
881432 ROOT
269823 GANGLION
32640 DORSAL (W) ROOT (W) GANGLION
26062 DRG
S2 16 S1 AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG)
? s s1 not py>2001
>>>One or more prefixes are unsupported
>>> or undefined in one or more files.
2136 S1
17553111 PY>2001

```

S3 654 S1 NOT PY>2001

? s s2 and s3

16 S2

654 S3

S4 7 S2 AND S3

? rd

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

...completed examining records

S5 1 RD (unique items)

? s s4 not pd>010914

>>>One or more prefixes are unsupported

>>> or undefined in one or more files.

Processing

Processed 10 of 29 files ...

Completed processing all files

7 S4

10890423 PD>010914

S6 7 S4 NOT PD>010914

? rd

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

...completed examining records

S7 1 RD (unique items)

? type s7/free/all

7/8/1 (Item 1 from file: 5)

0012921640 BIOSIS NO.: 200100093479

Adeno-associated virus and lentivirus vectors mediate efficient and sustained transduction of cultured mouse and human dorsal root ganglia sensory neurons

2001

? type s7/medium,k

7/K/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2005 BIOSIS. All rts. reserv.

0012921640 BIOSIS NO.: 200100093479

Adeno-associated virus and lentivirus vectors mediate efficient and sustained transduction of cultured mouse and human dorsal root ganglia sensory neurons

AUTHOR: Fleming Jane; Ginn Samantha L; Weinberger Ron P; Trahair Toby N; Smythe Jason A; Alexander Ian E (Reprint)

AUTHOR ADDRESS: Gene Therapy Research Unit, Children's Hospital, Westmead, NSW, 2145, Australia**Australia

JOURNAL: Human Gene Therapy 12 (1): p77-86 January 1, 2001 2001

MEDIUM: print

ISSN: 1043-0342

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

...ABSTRACT: recombinant adeno-associated virus type 2 (AAV) and

VSV-G-pseudotyped lentivirus vectors derived from **human**

immunodeficiency virus (HIV -1) in newborn mouse and fetal human

dorsal root ganglia (**DRG**) sensory neurons. In dissociated mouse **DRG**

cultures both vectors achieved efficient transduction of sensory neurons

at low multiplicities of infection (MOIs) and sustained transgene expression within a 28-day culture period. Interestingly, the **lentivirus vector** selectively transduced neurons in murine cultures, in contrast to human cultures, in which Schwann and...

...all three cell types in both mouse and human cultures. After direct microinjection of murine DRG explants, maximal transduction efficiencies of 20 and 200 transducing units per neuronal transductant were achieved...

DESCRIPTORS:

...ORGANISMS: human immunodeficiency virus -1 { HIV -1}

(Retroviridae

? s s7 and pain

1 S7

1156741 PAIN

S8 0 S7 AND PAIN

? s s4 and pain

7 S4

1156741 PAIN

S9 0 S4 AND PAIN

? ds

Set Items Description

S1 2136 ((LENTIVIRUS OR LENTIVIRAL) (W) VECTOR) AND ((HUMAN(W) IMMUNODEFICIENCY (W) VIRUS) OR HIV OR (SIMIAN (W) IMMUNODEFICIENCY (W) VIRUS) OR (SIV) OR (VISNA (W) MAEDI (W) VIRUS) OR (VM-V) OR (CAPRINE (W) ARTHRITIS (W) ENCEPHALITIS (W) VIRUS) OR (-CAEV) OR (EQUI

S2 16 S1 AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG)

S3 654 S1 NOT PY>2001

S4 7 S2 AND S3

S5 1 RD (unique items)

S6 7 S4 NOT PD>010914

S7 1 RD (unique items)

S8 0 S7 AND PAIN

S9 0 S4 AND PAIN

? s s1 and pain

2136 S1

1156741 PAIN

S10 9 S1 AND PAIN

? s s10 NOT PY>2001

>>>One or more prefixes are unsupported

>>> or undefined in one or more files.

9 S10

17553111 PY>2001

S11 0 S10 NOT PY>2001

? s s1 and (((dorsal (w) root (w) ganglion) or DRG) and pain)

2136 S1

407981 DORSAL

881432 ROOT

269823 GANGLION

32640 DORSAL(W) ROOT(W) GANGLION

26062 DRG

1156741 PAIN

S12 0 S1 AND (((DORSAL (W) ROOT (W) GANGLION) OR DRG) AND PAIN)

? s s1 and ((retrograde (w) transport))

2136 S1

172496 RETROGRADE

4757042 TRANSPORT

15318 RETROGRADE(W) TRANSPORT

S13 17 S1 AND ((RETROGRADE (W) TRANSPORT))

```
? s s13 and (((dorsal (w) root (w) ganglion) or DRG) and pain)
      17 S13
      407981 DORSAL
      881432 ROOT
      269823 GANGLION
      32640 DORSAL(W) ROOT(W) GANGLION
      26062 DRG
      1156741 PAIN
S14      0 S13 AND (((DORSAL (W) ROOT (W) GANGLION) OR DRG) AND
      PAIN)
? s s13 and ((dorsal (w) root (w) ganglion) or DRG)
      17 S13
      407981 DORSAL
      881432 ROOT
      269823 GANGLION
      32640 DORSAL(W) ROOT(W) GANGLION
      26062 DRG
S15      0 S13 AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG)
? s s13 and pain
      17 S13
      1156741 PAIN
S16      5 S13 AND PAIN
```

? rd

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

...completed examining records

S17 2 RD (unique items)

? s s17 not pd>010914

>>>One or more prefixes are unsupported

>>> or undefined in one or more files.

2 S17

10890423 PD>010914

S18 1 S17 NOT PD>010914

? type s18/medium,k

18/K/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0014783911 BIOSIS NO.: 200400150572

Non-primate lentiviral vector **administration in the TMJ.**

AUTHOR: Kyrkanides S (Reprint); Kambylafkas P; Miller J H; Tallents R H

AUTHOR ADDRESS: Eastman Department of Dentistry, School of Medicine and

Dentistry, University of Rochester, 625 Elmwood Ave., Rochester, NY,

14620, USA**USA

AUTHOR E-MAIL ADDRESS: stephanoskyrkanides@urmc.rochester.edu

JOURNAL: Journal of Dental Research 83 (1): p65-70 January 2004 2004

MEDIUM: print

ISSN: 0022-0345

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

Non-primate lentiviral vector **administration in the TMJ.**

...ABSTRACT: vectors on the temporomandibular joint. Consequently, we injected into the articular joint space a defective **feline immunodeficiency virus** capable of infecting dividing as well as terminally differentiated cells with the reporter gene lacZ...
...ipsilateral trigeminal ganglion also stained positive for the reporter

gene, presumably following uptake of the **lentiviral vector** by peripheral nerve fibers and **retrograde transport** to the nucleus. These findings suggest that lentiviral vectors can potentially serve as a platform for the transfer of anti-nociceptive genes for the management of temporomandibular joint **pain**.

DESCRIPTORS:

...ORGANISMS: **Feline immunodeficiency virus** (Retroviridae

DISEASES: temporomandibular joint **pain** --

? ds

Set	Items	Description
S1	2136	((LENTIVIRUS OR LENTIVIRAL) (W) VECTOR) AND ((HUMAN(W) IMMUNODEFICIENCY (W) VIRUS) OR HIV OR (SIMIAN (W) IMMUNODEFICIENCY (W) VIRUS) OR (SIV) OR (VISNA (W) MAEDI (W) VIRUS) OR (VMV) OR (CAPRINE (W) ARTHRITIS (W) ENCEPHALITIS (W) VIRUS) OR (-CAEV) OR (EQUI
S2	16	S1 AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG)
S3	654	S1 NOT PY>2001
S4	7	S2 AND S3
S5	1	RD (unique items)
S6	7	S4 NOT PD>010914
S7	1	RD (unique items)
S8	0	S7 AND PAIN
S9	0	S4 AND PAIN
S10	9	S1 AND PAIN
S11	0	S10 NOT PY>2001
S12	0	S1 AND (((DORSAL (W) ROOT (W) GANGLION) OR DRG) AND PAIN)
S13	17	S1 AND ((RETROGRADE (W) TRANSPORT))
S14	0	S13 AND (((DORSAL (W) ROOT (W) GANGLION) OR DRG) AND PAIN)
S15	0	S13 AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG)
S16	5	S13 AND PAIN
S17	2	RD (unique items)
S18	1	S17 NOT PD>010914

? s1 and ((rabies (w) G (w) protein) and pseudotype)

Processed 20 of 29 files ...

Completed processing all files

	28526056	1
	45641	RABIES
	4566360	G
	8773639	PROTEIN
	66	RABIES(W)G(W)PROTEIN
	2557	PSEUDOTYPE
S19	1	1 AND ((RABIES (W) G (W) PROTEIN) AND PSEUDOTYPE)
? s s1 and ((rabies (w) G (w) protein) and pseudotype)		
	2136	S1
	45641	RABIES
	4566360	G
	8773639	PROTEIN
	66	RABIES(W)G(W)PROTEIN
	2557	PSEUDOTYPE
S20	0	S1 AND ((RABIES (W) G (W) PROTEIN) AND PSEUDOTYPE)
? s s1 and (rabies (w) G (w) protein)		
	2136	S1
	45641	RABIES
	4566360	G
	8773639	PROTEIN
	66	RABIES(W)G(W)PROTEIN
S21	6	S1 AND (RABIES (W) G (W) PROTEIN)

? s s21 not pd>010914

>>>One or more prefixes are unsupported

>>> or undefined in one or more files.

Processed 10 of 29 files ...
Processing
Completed processing all files
6 S21
10890423 PD>010914
S22 1 S21 NOT PD>010914
? type s22/medium,k

22/K/1 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2005 Dialog. All'rts. reserv.

15439405 PMID: 15291033
Cervical spinal cord delivery of a rabies G protein pseudotyped lentiviral vector in the SOD-1 transgenic mouse. Invited submission from the Joint Section Meeting on Disorders of the Spine and Peripheral Nerves, March 2004.
Tanase Kiana; Teng Qingshan; Krishnaney Ajit A; Liu James K; Garrity-Moses Mary E; Boulis Nicholas M
Department of Neuroscience, Lerner Research Institute, Cleveland, Ohio, USA.
J Neurosurg Spine (Unknown) Jul 2004, 1 (1) p128-36, ISSN 1547-5654
Journal Code: 101223545
Contract/Grant No.: NS43305; NS; NINDS
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

Cervical spinal cord delivery of a rabies G protein pseudotyped lentiviral vector in the SOD-1 transgenic mouse. Invited submission from the Joint Section Meeting on Disorders...

...characterize gene expression distribution and the behavioral impact of the rabies G (RabG) protein pseudotyped **lentiviral vector EIAV** .LacZ through cervical spinal cord injection in control and Cu/Zn superoxide dismutase-1 (SOD...

... and their wild-type littermates underwent exposure of the cervicomedullary junction and microinjection of RabG. **EIAV** .LacZ or vehicle. The Basso-Beattie-Bresnahan locomotor score, grip strength meter, and Rotarod assays...

...LacZ gene expression was histologically evaluated and quantified. Direct cervical spinal cord microinjection of RabG. **EIAV** .LacZ results in extensive central nervous system uptake in SOD-1 transgenic mice; these findings...

... and transgene expression do not accelerate disease progression.
CONCLUSIONS: Direct spinal cord injection of RabG. **EIAV** vectors represents a feasible method for delivering therapeutic genes to upper cervical spinal cord and...

? s s1 and ((cellular(w) excitability) or (modulate (n) (opioid (w) receptor)) or (modulate (n) (ion (w) channel)) or (modulate (n) (potassium (w) ion (w) channel)) or (modulate (n) (NMDA (w) receptor)))

Processing
Processed 10 of 29 files ...
Processing
Completed processing all files
2136 S1

```

2132391 CELLULAR
  98865 EXCITABILITY
    1240 CELLULAR(W) EXCITABILITY
  285399 MODULATE
    219216 OPIOID
3993605 RECEPTOR
    33 MODULATE (N) OPIOID (W) RECEPTOR
  285399 MODULATE
2129517 ION
1032705 CHANNEL
    135 MODULATE (N) ION (W) CHANNEL
  285399 MODULATE
1159365 POTASSIUM
2129517 ION
1032705 CHANNEL
    0 MODULATE (N) POTASSIUM (W) ION (W) CHANNEL
  285399 MODULATE
  164440 NMDA
3993605 RECEPTOR
    289 MODULATE (N) NMDA (W) RECEPTOR
S23 0 S1 AND ((CELLULAR(W) EXCITABILITY) OR (MODULATE
      (N) (OPIOID (W) RECEPTOR)) OR (MODULATE (N) (ION (W)
      CHANNEL)) OR (MODULATE (N) (POTASSIUM (W) ION (W)
      CHANNEL)) OR (MODULATE (N) (NMDA (W) RECEPTOR)))
? s s1 and ((ion (w) channel) or (potassium (w) ion (w) channel) or (sodium
(w) ion (w) channel) or (sodium (w) channel) or (calcium (w) ion (w) channel)
or (calcium (w) channel) or (chloride (w) ion (w) channel) or (chloride (w)
channel) or (chlorine (w) channel) or KIR)
Processing
Processed 10 of 29 files ...
Processing
Processed 20 of 29 files ...
Completed processing all files
  2136 S1
  2129517 ION
  1032705 CHANNEL
    87208 ION (W) CHANNEL
  1159365 POTASSIUM
  2129517 ION
  1032705 CHANNEL
    4970 POTASSIUM (W) ION (W) CHANNEL
  2191283 SODIUM
  2129517 ION
  1032705 CHANNEL
    1705 SODIUM (W) ION (W) CHANNEL
  2191283 SODIUM
  1032705 CHANNEL
    48257 SODIUM (W) CHANNEL
  2110102 CALCIUM
  2129517 ION
  1032705 CHANNEL
    2883 CALCIUM (W) ION (W) CHANNEL
  2110102 CALCIUM
  1032705 CHANNEL
    182823 CALCIUM (W) CHANNEL
  1835861 CHLORIDE
  2129517 ION
  1032705 CHANNEL
    1409 CHLORIDE (W) ION (W) CHANNEL
  1835861 CHLORIDE
  1032705 CHANNEL

```

23768 CHLORIDE (W) CHANNEL
 296119 CHLORINE
 1032705 CHANNEL
 117 CHLORINE (W) CHANNEL
 6284 KIR
 S24 3 S1 AND ((ION (W) CHANNEL) OR (POTASSIUM (W) ION (W)
 CHANNEL) OR (SODIUM (W) ION (W) CHANNEL) OR (SODIUM (W)
 CHANNEL) OR (CALCIUM (W) ION (W) CHANNEL) OR (CALCIUM (W)
 CHANNEL) OR (CHLORIDE (W) ION (W) CHANNEL) OR (CHLORIDE
 (W) CHANNEL) OR (CHLORINE (W) CHANNEL) OR KIR)

? rd

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

...completed examining records

S25 3 RD (unique items)

? type s25/medium,k

25/K/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0014766028 BIOSIS NO.: 200400133382

ABC transporter substrates improve lentiviral vector transduction into hematopoietic stem cells.

AUTHOR: Davis Brian M (Reprint); Humeau Laurent (Reprint); Slepushkin Vladimir (Reprint); Binder Gwendolyn (Reprint); Korshalla Lauren (Reprint); Ogunjimi Kemi (Reprint); Chang Lan-Fei (Reprint); Lu Xiaobin (Reprint); Dropulic Boro (Reprint)

AUTHOR ADDRESS: VIRxSYS Corporation, Gaithersburg, MD, USA**USA

JOURNAL: Blood 102 (11): p249a November 16, 2003 2003

MEDIUM: print

CONFERENCE/MEETING: 45th Annual Meeting of the American Society of Hematology San Diego, CA, USA December 06-09, 2003; 20031206

SPONSOR: American Society of Hematology

ISSN: 0006-4971

DOCUMENT TYPE: Meeting; Meeting Abstract

RECORD TYPE: Abstract

LANGUAGE: English

ABC transporter substrates improve lentiviral vector transduction into hematopoietic stem cells.

...ABSTRACT: high-level ABC transporter expression on HSC contributes to their relatively poorer transduction and that **lentiviral vector** transduction could be improved using ABC transporter substrates. Human CD34+ cells were obtained from cord blood, bone marrow and G-CSF mobilized peripheral blood and transduced with VSV-G pseudotyped **HIV -1** based lentiviral vectors retaining the endogenous cppt and cts and expressing the eGFP cDNA...

...a unique biology associated with CD34+ progenitor cells and ABC transporters that contribute to improved **lentiviral vector** transduction. These results describe a novel and widely applicable approach to improve lentiviral transduction into...

DESCRIPTORS:

CHEMICALS & BIOCHEMICALS: ... **calcium channel** blocker-drug, cardiovascular-drug...

... **calcium channel** blocker-drug, cardiovascular-drug

...METHODS & EQUIPMENT: **lentiviral vector** transduction

? type s25/medium,k/all

25/K/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0014766028 BIOSIS NO.: 200400133382

ABC transporter substrates improve lentiviral vector transduction into hematopoietic stem cells.

AUTHOR: Davis Brian M (Reprint); Humeau Laurent (Reprint); Slepushkin Vladimir (Reprint); Binder Gwendolyn (Reprint); Korshalla Lauren (Reprint); Ogunjimi Kemi (Reprint); Chang Lan-Fei (Reprint); Lu Xiaobin (Reprint); Dropulic Boro (Reprint)

AUTHOR ADDRESS: VIRxSYS Corporation, Gaithersburg, MD, USA**USA

JOURNAL: Blood 102 (11): p249a November 16, 2003 2003

MEDIUM: print

CONFERENCE/MEETING: 45th Annual Meeting of the American Society of Hematology San Diego, CA, USA December 06-09, 2003; 20031206

SPONSOR: American Society of Hematology

ISSN: 0006-4971

DOCUMENT TYPE: Meeting; Meeting Abstract

RECORD TYPE: Abstract

LANGUAGE: English

ABC transporter substrates improve lentiviral vector transduction into hematopoietic stem cells.

...ABSTRACT: high-level ABC transporter expression on HSC contributes to their relatively poorer transduction and that **lentiviral vector** transduction could be improved using ABC transporter substrates. Human CD34+ cells were obtained from cord blood, bone marrow and G-CSF mobilized peripheral blood and transduced with VSV-G pseudotyped **HIV -1** based lentiviral vectors retaining the endogenous cppt and cts and expressing the eGFP cDNA...

...a unique biology associated with CD34+ progenitor cells and ABC transporters that contribute to improved **lentiviral vector** transduction. These results describe a novel and widely applicable approach to improve lentiviral transduction into...

DESCRIPTORS:

CHEMICALS & BIOCHEMICALS: ... **calcium channel** blocker-drug, cardiovascular-drug...

... **calcium channel** blocker-drug, cardiovascular-drug

...METHODS & EQUIPMENT: **lentiviral vector** transduction

25/K/2 (Item 1 from file: 357)
DIALOG(R)File 357:Derwent Biotech Res.
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0351752 DBR Accession No.: 2004-24044 PATENT

Identifying agents that alter epithelial sodium channel (ENaC) activity or expression in a cell, useful for treating e.g. cancer, comprises contacting the cell with the agents and determining if the level or amount of ENaC is altered - virus vector-mediated gene transfer and expression in host cell for epithelium sodium channel modulator drug screening and gene therapy

AUTHOR: ENGELHARDT J F; ZHANG L

PATENT ASSIGNEE: UNIV IOWA RES FOUND; ENGELHARDT J F; ZHANG L 2004

PATENT NUMBER: WO 200489423 PATENT DATE: 20041021 WPI ACCESSION NO.:

2004-737926 (200472)
PRIORITY APPLIC. NO.: US 512347 APPLIC. DATE: 20031016
NATIONAL APPLIC. NO.: WO 2004US9950 APPLIC. DATE: 20040331
LANGUAGE: English

Identifying agents that alter epithelial sodium channel (ENaC) activity or expression in a cell, useful for treating e.g. cancer, comprises contacting...

...ENaC is altered - virus vector-mediated gene transfer and expression in host cell for epithelium sodium channel modulator drug screening and gene therapy

ABSTRACT: DERWENT ABSTRACT: NOVELTY - Identifying one or more agents that alter epithelial **sodium channel** (ENaC) activity or expression in a eukaryotic cell comprises contacting the cell with the agent...

... or activity. The gene therapy vector is a viral vector, particularly a retroviral vector, a **lentiviral vector**, or an adenoviral vector of an adeno-associated viral vector. The gene therapy vector comprises...

... OF ACTION - Gene therapy. USE - The methods are useful for identifying agents that alter epithelial **sodium channel** activity or expression, or for inhibiting or treating conditions associated with increased ENaC levels or...

DESCRIPTORS: ...additive, epoxomicin, doxorubicin, doxil, daunorubicin, idarubicin, epirubicin, aclarubicin, camptothecin, simvastatin, tannic acid, cisplatin, appl. epithelium **sodium channel** modulator drug screening, virus, bacterium, parasite infection, cancer, autoimmune disorder gene therapy parvo virus protein...

...SECTION: DISEASE- **HIV** and Other Virus Infections; DISEASE-Autoimmune Disease...

25/K/3 (Item 2 from file: 357)
DIALOG(R) File 357:Derwent Biotech Res.
(c) 2005 Thomson Derwent & ISI. All rts. reserv.

0286833 DBR Accession No.: 2002-08680 PATENT
Host cell for producing a desired protein and for screening compounds useful for pharmaceutical, industrial, diagnostic and other purposes, comprises multiple integrating vectors having an exogenous gene - vector-mediated gene transfer and expression in host cell for recombinant protein production and drug screening

AUTHOR: BREMEL R D; MILLER L U; BLECK G T; YORK D

PATENT ASSIGNEE: GALA DESIGN INC 2002

PATENT NUMBER: WO 200202738 PATENT DATE: 20020110 WPI ACCESSION NO.: 2002-154737 (200220)

PRIORITY APPLIC. NO.: US 215925 APPLIC. DATE: 20000703

NATIONAL APPLIC. NO.: WO 2001US20710 APPLIC. DATE: 20010629

LANGUAGE: English

...ABSTRACT: of carp virus and Mokola virus G glycoproteins, where the retroviral vector is preferably a **lentiviral vector** which comprises long terminal repeats from human **immunodeficiency virus (HIV)** and equine infectious anemia virus long terminal repeats; or (b) a retroviral vector which comprises...

... proteins, pharmaceutical proteins, kinases, phosphatases, nucleic acid binding proteins, membrane receptor proteins, signal transduction proteins, **ion channel** proteins, cytoplasmic receptor protein, and

oncoprotein, where the genome of (I) is stable for greater...
 DESCRIPTORS: recombinant antigen binding protein, kinase, phosphatase, DNA
 binding protein, membrane receptor protein, signal transduction
 protein, **ion channel** protein, cytoplasmic receptor protein,
 oncoprotein prep., vesicular-stomatitis virus, piry virus, chandipura
 virus, carp virus...

? s s24 and ((dorsal (w) root (w) ganglion) or DRG)
 3 S24
 407981 DORSAL
 881432 ROOT
 269823 GANGLION
 32640 DORSAL(W) ROOT(W) GANGLION
 26062 DRG
 S26 0 S24 AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG)

? s s24 and pain
 3 S24
 1156741 PAIN
 S27 0 S24 AND PAIN

? ds

Set	Items	Description
S1	2136	((LENTIVIRUS OR LENTIVIRAL) (W) VECTOR) AND ((HUMAN(W) IMM- UNODEFICIENCY (W) VIRUS) OR HIV OR (SIMIAN (W) IMMUNODEFICIE- NCY (W) VIRUS) OR (SIV) OR (VISNA (W) MAEDI (W) VIRUS) OR (VM- V) OR (CAPRINE (W) ARTHRITIS (W) ENCEPHALITIS (W) VIRUS) OR (- CAEV) OR (EQUI
S2	16	S1 AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG)
S3	654	S1 NOT PY>2001
S4	7	S2 AND S3
S5	1	RD (unique items)
S6	7	S4 NOT PD>010914
S7	1	RD (unique items)
S8	0	S7 AND PAIN
S9	0	S4 AND PAIN
S10	9	S1 AND PAIN
S11	0	S10 NOT PY>2001
S12	0	S1 AND (((DORSAL (W) ROOT (W) GANGLION) OR DRG) AND PAIN)
S13	17	S1 AND ((RETROGRADE (W) TRANSPORT))
S14	0	S13 AND (((DORSAL (W) ROOT (W) GANGLION) OR DRG) AND PAIN)
S15	0	S13 AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG)
S16	5	S13 AND PAIN
S17	2	RD (unique items)
S18	1	S17 NOT PD>010914
S19	1	1 AND ((RABIES (W) G (W) PROTEIN) AND PSEUDOTYPE)
S20	0	S1 AND ((RABIES (W) G (W) PROTEIN) AND PSEUDOTYPE)
S21	6	S1 AND (RABIES (W) G (W) PROTEIN)
S22	1	S21 NOT PD>010914
S23	0	S1 AND ((CELLULAR(W) EXCITABILITY) OR (MODULATE (N) (OPIOID (W) RECEPTOR)) OR (MODULATE (N) (ION (W) CHANNEL)) OR (MODULA- TE (N) (POTASSIUM (W) ION (W) CHANNEL)) OR (MODULATE (N) (NMDA (W) RECEPTOR))
S24	3	S1 AND ((ION (W) CHANNEL) OR (POTASSIUM (W) ION (W) CHANNE- L) OR (SODIUM (W) ION (W) CHANNEL) OR (SODIUM (W) CHANNEL) OR (CALCIUM (W) ION (W) CHANNEL) OR (CALCIUM (W) CHANNEL) OR (C- HLORIDE (W) ION (W) CHANNEL) OR (CHLORIDE (W) CHANNEL) OR (CH- LORINE (W) CH
S25	3	RD (unique items)
S26	0	S24 AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG)
S27	0	S24 AND PAIN
? s s1 and (((DNA or RNA) (w) sequence) or (synthetic (w) (DNA or RNA) (w) sequence) or (recombinant (w) (DNA or RNA) (w) sequence) or (cDNA (w) sequence)		

```

or (genomic (w) DNA)) and ((targeted (w) promoter) or (inducible (w)
promoter)))
Processing
Processed 10 of 29 files ...
Processing
Processing
Processing
Processed 20 of 29 files ...
Completed processing all files
    2136 S1
    4715013 DNA
    2550059 RNA
    3387160 SEQUENCE
    304659 (DNA OR RNA) (W) SEQUENCE
    1143093 SYNTHETIC
    4715013 DNA
    2550059 RNA
    3387160 SEQUENCE
    135 SYNTHETIC (W) (DNA OR RNA) (W) SEQUENCE
    1197832 RECOMBINANT
    4715013 DNA
    2550059 RNA
    3387160 SEQUENCE
    412 RECOMBINANT (W) (DNA OR RNA) (W) SEQUENCE
    748502 CDNA
    3387160 SEQUENCE
    55375 CDNA (W) SEQUENCE
    554719 GENOMIC
    4715013 DNA
    160811 GENOMIC (W) DNA
    323561 TARGETED
    755121 PROMOTER
    50 TARGETED (W) PROMOTER
    307237 INDUCIBLE
    755121 PROMOTER
    9500 INDUCIBLE (W) PROMOTER
S28 2 S1 AND (((DNA OR RNA) (W) SEQUENCE) OR (SYNTHETIC (W)
(DNA OR RNA) (W) SEQUENCE) OR (RECOMBINANT (W) (DNA OR
RNA) (W) SEQUENCE) OR (CDNA (W) SEQUENCE) OR (GENOMIC (W)
DNA)) AND ((TARGETED (W) PROMOTER) OR (INDUCIBLE (W)
PROMOTER)))

```

? rd

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

...completed examining records

```

    S29      2  RD (unique items)
? s s29 and ((dorsal (w) root (w) ganglion) or DRG)
    2  S29
    407981 DORSAL
    881432 ROOT
    269823 GANGLION
    32640 DORSAL (W) ROOT (W) GANGLION
    26062 DRG
    S30      0  S29 AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG)
? s s28 and pain
    2  S28
    1156741 PAIN
    S31      1  S28 AND PAIN
? s s31 NOT PY>2001
>>>One or more prefixes are unsupported

```

```

>>> or undefined in one or more files.
      1 S31
      17553111 PY>2001
      S32      0 S31 NOT PY>2001
? s s1 and (screen and (((DNA or RNA) (w) sequence) or (synthetic (w) (DNA or
RNA) (w) sequence) or (recombinant (w) (DNA or RNA) (w) sequence) or (cDNA (w)
sequence) or (genomic (w) DNA) or compound or drug))
Processing
Processed 10 of 29 files ...
Processing
Processing
Processed 20 of 29 files ...
Processing
Completed processing all files
      2136 S1
      252490 SCREEN
      4715013 DNA
      2550059 RNA
      3387160 SEQUENCE
      304659 (DNA OR RNA) (W) SEQUENCE
      1143093 SYNTHETIC
      4715013 DNA
      2550059 RNA
      3387160 SEQUENCE
      135 SYNTHETIC (W) (DNA OR RNA) (W) SEQUENCE
      1197832 RECOMBINANT
      4715013 DNA
      2550059 RNA
      3387160 SEQUENCE
      412 RECOMBINANT (W) (DNA OR RNA) (W) SEQUENCE
      748502 CDNA
      3387160 SEQUENCE

      55375 CDNA (W) SEQUENCE
      554719 GENOMIC
      4715013 DNA
      160811 GENOMIC (W) DNA
      4483331 COMPOUND
      10711726 DRUG
      S33      2 S1 AND (SCREEN AND (((DNA OR RNA) (W) SEQUENCE) OR
      (SYNTHETIC (W) (DNA OR RNA) (W) SEQUENCE) OR (RECOMBINANT
      (W) (DNA OR RNA) (W) SEQUENCE) OR (CDNA (W) SEQUENCE) OR
      (GENOMIC (W) DNA) OR COMPOUND OR DRUG))
? s s33 NOT PY>2001
>>>One or more prefixes are unsupported
>>> or undefined in one or more files.
      2 S33
      17553111 PY>2001
      S34      1 S33 NOT PY>2001
? type s34/free

```

34/8/1 (Item 1 from file: 98)
DIALOG(R) File 98: (c) 2005 The HW Wilson Co. All rts. reserv.

04255630 H.W. WILSON RECORD NUMBER: BGSA00005630 (USE FORMAT 7 FOR
FULLTEXT)

Lentivirus replication and regulation.

AUGMENTED TITLE: review

WORD COUNT: 17942

DESCRIPTORS:


```

Lentiviruses; Viruses--Replication; Gene expression--Viruses
1999 (19990000)
? s ((pain) and AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG) and(screen and
(((DNA or RNA) (w) sequence) or (synthetic (w) (DNA or RNA) (w) sequence) or
(recombinant (w) (DNA or RNA) (w) sequence) or (cDNA (w) sequence) or (genomic
(w) DNA) or compound or drug)))
>>>Operator "AND" in invalid position
? s ((pain) AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG) and(screen and (((DNA
or RNA) (w) sequence) or (synthetic (w) (DNA or RNA) (w) sequence) or
(recombinant (w) (DNA or RNA) (w) sequence) or (cDNA (w) sequence) or (genomic
(w) DNA) or compound or drug)))
Processing
Processed 10 of 29 files ...
Processing
Processing
Processing
Processed 20 of 29 files ...
Completed processing all files
1156741 PAIN
407981 DORSAL
881432 ROOT
269823 GANGLION
32640 DORSAL(W) ROOT(W) GANGLION
26062 DRG
252490 SCREEN
4715013 DNA
2550059 RNA
3387160 SEQUENCE
304659 (DNA OR RNA) (W) SEQUENCE
1143093 SYNTHETIC
4715013 DNA
2550059 RNA
3387160 SEQUENCE
135 SYNTHETIC(W) (DNA OR RNA) (W) SEQUENCE
1197832 RECOMBINANT
4715013 DNA
2550059 RNA
3387160 SEQUENCE
412 RECOMBINANT(W) (DNA OR RNA) (W) SEQUENCE
748502 CDNA
3387160 SEQUENCE
55375 CDNA(W) SEQUENCE
554719 GENOMIC
4715013 DNA
160811 GENOMIC(W) DNA
4483331 COMPOUND
10711726 DRUG
S35 6 ((PAIN) AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG)
AND(SCREEN AND (((DNA OR RNA) (W) SEQUENCE) OR (SYNTHETIC
(W) (DNA OR RNA) (W) SEQUENCE) OR (RECOMBINANT (W) (DNA
OR RNA) (W) SEQUENCE) OR (CDNA (W) SEQUENCE) OR (GENOMIC
(W) DNA) OR COMPOUND OR DRG)))
? s s35 NOT PY>2001
Processing
Processed 20 of 29 files ...
>>>One or more prefixes are unsupported
>>> or undefined in one or more files.
Completed processing all files
6 S35
17553111 PY>2001
S36 4 S35 NOT PY>2001

```

```

? rd
>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.
...completed examining records
      S37      4 RD (unique items)
? s s37 not pd>010914
Processing
>>>One or more prefixes are unsupported
>>> or undefined in one or more files.
Processing
Processed 10 of 29 files ...
Processing
Processed 20 of 29 files ...
Completed processing all files
      4 S37
      10890423 PD>010914
      S38      3 S37 NOT PD>010914
? type s38/free/1-3

38/8/1      (Item 1 from file: 73)
06775051      EMBASE No: 1997056545
      alphainf 2-Adrenergic receptor subtypes in rat dorsal root and superior
cervical ganglion neurons
      1997

38/8/2      (Item 1 from file: 98)
DIALOG(R)File 98:(c) 2005 The HW Wilson Co. All rts. reserv.

04013801      H.W. WILSON RECORD NUMBER: BGS199013801 (USE FORMAT 7 FOR
FULLTEXT)
Cardiovascular disease: tomorrow is the reason for today's therapeutics.
AUGMENTED TITLE: continuing medical education exam and answer form are
included
WORD COUNT: 4749

DESCRIPTORS:
      Cardiovascular system--Diseases; Heart diseases--Therapy
Mar. '99 (19990300)

38/8/3      (Item 1 from file: 155)
DIALOG(R)File 155:(c) format only 2005 Dialog. All rts. reserv.

12291614      PMID: 9601677
      An acid sensing ion channel (ASIC) localizes to small primary afferent
neurons in rats.
Apr 20 1998
      Tags: Female; Male; Research Support, U.S. Gov't, P.H.S.
      Descriptors: *Acids--pharmacology--PD; *Ion Channels-- drug effects--DE;
*Neurons, Afferent--chemistry--CH; * Pain --physiopathology--PP; Amino Acid
Sequence; Animals; Brain--cytology--CY; Brain-- drug effects--DE; Brain
--metabolism--ME; Calcitonin Gene-Related Peptide--analysis--AN; Guinea
Pigs; Molecular Sequence Data; Rats; Rats, Sprague-Dawley; Spinal Cord
--cytology--CY; Spinal Cord-- drug effects--DE; Spinal Cord--metabolism
--ME; Substance P--analysis--AN
      CAS Registry No.: 0 (Acids); 0 (Ion Channels); 33507-63-0 (Substance
P); 83652-28-2 (Calcitonin Gene-Related Peptide)
? s s35 and (transcriptome or proteosome)

```

```

        6 S35
    10545 TRANSCRIPTOME
    2274 PROTEOSOME
S39      0 S35 AND (TRANSCRIPTOME OR PROTEOSOME)
? s s35 and ((analys? (n) pain) or (evaluat? (n) pain))
Processing
Processed 10 of 29 files ...
Processing
Processed 20 of 29 files ...
Completed processing all files
        6 S35
    15655470 ANALYS?
    1156741 PAIN
        1593 ANALYS?(N) PAIN
    7461502 EVALUAT?
    1156741 PAIN
        3693 EVALUAT?(N) PAIN
S40      0 S35 AND ((ANALYS? (N) PAIN) OR (EVALUAT? (N) PAIN))
? s ((pain near treatment) and (screen and (((DNA or RNA) (w) sequence) or
(synthetic (w) (DNA or RNA) (w) sequence) or (recombinant (w) (DNA or RNA) (w)
sequence) or (cdna (w) sequence) or (genomic (w) DNA) or compound or drug)))
Processing
Processing
Processed 10 of 29 files ...
Processing
Processing
Processed 20 of 29 files ...
Completed processing all files
        0 PAIN NEAR TREATMENT
    252490 SCREEN
    4715013 DNA
    2550059 RNA
    3387160 SEQUENCE
    304659 (DNA OR RNA) (W) SEQUENCE
    1143093 SYNTHETIC
    4715013 DNA
    2550059 RNA
    3387160 SEQUENCE
        135 SYNTHETIC(W) (DNA OR RNA) (W) SEQUENCE
    1197832 RECOMBINANT
    4715013 DNA
    2550059 RNA
    3387160 SEQUENCE
        412 RECOMBINANT(W) (DNA OR RNA) (W) SEQUENCE
    748502 CDNA
    3387160 SEQUENCE
    55375 CDNA(W) SEQUENCE
    554719 GENOMIC
    4715013 DNA
    160811 GENOMIC(W) DNA
    4483331 COMPOUND
    10711726 DRUG
S41      0 ((PAIN NEAR TREATMENT) AND (SCREEN AND (((DNA OR RNA) (W)
SEQUENCE) OR (SYNTHETIC (W) (DNA OR RNA) (W) SEQUENCE) OR
(RECOMBINANT (W) (DNA OR RNA) (W) SEQUENCE) OR (CDNA (W)
SEQUENCE) OR (GENOMIC (W) DNA) OR COMPOUND OR DRUG)))
? s ((pain (n) treatment) and (screen and (((DNA or RNA) (w) sequence) or
(synthetic (w) (DNA or RNA) (w) sequence) or (recombinant (w) (DNA or RNA) (w)
sequence) or (cdna (w) sequence) or (genomic (w) DNA) or compound or drug)))
Processing
Processing

```

```

Processed 10 of 29 files ...
Processing
Processing
Processed 20 of 29 files ...
Completed processing all files
    1156741 PAIN
    10277927 TREATMENT
    11826 PAIN (N) TREATMENT
    252490 SCREEN
    4715013 DNA
    2550059 RNA
    3387160 SEQUENCE
    304659 (DNA OR RNA) (W) SEQUENCE
    1143093 SYNTHETIC
    4715013 DNA
    2550059 RNA
    3387160 SEQUENCE
    135 SYNTHETIC (W) (DNA OR RNA) (W) SEQUENCE
    1197832 RECOMBINANT
    4715013 DNA
    2550059 RNA
    3387160 SEQUENCE
    412 RECOMBINANT (W) (DNA OR RNA) (W) SEQUENCE
    748502 CDNA
    3387160 SEQUENCE
    55375 CDNA (W) SEQUENCE
    554719 GENOMIC
    4715013 DNA
    160811 GENOMIC (W) DNA
    4483331 COMPOUND
    10711726 DRUG
S42 4 ((PAIN (N) TREATMENT) AND (SCREEN AND ((DNA OR RNA) (W)
SEQUENCE) OR (SYNTHETIC (W) (DNA OR RNA) (W) SEQUENCE) OR
(RECOMBINANT (W) (DNA OR RNA) (W) SEQUENCE) OR (CDNA (W)
SEQUENCE) OR (GENOMIC (W) DNA) OR COMPOUND OR DRUG))
? s s42 not pd>010914
>>>One or more prefixes are unsupported
>>> or undefined in one or more files.
Processing
Processed 20 of 29 files ...
Completed processing all files
    4 S42
    10890423 PD>010914
S43 2 S42 NOT PD>010914
? rd
>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.
...completed examining records
    S44 2 RD (unique items)
? s s44 and s1
    2 S44
    2136 S1
    S45 0 S44 AND S1
? s s44 and ((dorsal (w) root (w) ganglion) or DRG)
    2 S44
    407981 DORSAL
    881432 ROOT
    269823 GANGLION
    32640 DORSAL (W) ROOT (W) GANGLION
    26062 DRG

```

S46 0 S44 AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG)
? type s44/free/all

44/8/1 (Item 1 from file: 98)
DIALOG(R)File 98:(c) 2005 The HW Wilson Co. All rts. reserv.

04675046 H.W. WILSON RECORD NUMBER: BGSA01175046 (USE FORMAT 7 FOR
FULLTEXT)

Prescription drug use and abuse.
WORD COUNT: 3829

DESCRIPTORS:

Drugs--Prescribing; **Drug** abuse; Tranquilizing drugs; Compulsive
behavior
Sept./Oct. 2001 (20010900)

44/8/2 (Item 2 from file: 98)
DIALOG(R)File 98:(c) 2005 The HW Wilson Co. All rts. reserv.

04026021 H.W. WILSON RECORD NUMBER: BGSI99026021 (USE FORMAT 7 FOR
FULLTEXT)

Hepatitis C.
WORD COUNT: 3458

DESCRIPTORS:

Hepatitis
Mar./Apr. '99 (19990300)
? s s1 and ((analy? (n) pain) or (evaluat? (n) pain))
Processing
Processed 10 of 29 files ...
Processing
Processed 20 of 29 files ...
Completed processing all files
2136 S1
18170659 ANALY?
1156741 PAIN
1769 ANALY?(N) PAIN
7461502 EVALUAT?
1156741 PAIN
3693 EVALUAT?(N) PAIN
S47 0 S1 AND ((ANALY? (N) PAIN) OR (EVALUAT? (N) PAIN))
? ds

Set	Items	Description
S1	2136	((LENTIVIRUS OR LENTIVIRAL) (W) VECTOR) AND ((HUMAN(W) IMM- UNODEFICIENCY (W) VIRUS) OR HIV OR (SIMIAN (W) IMMUNODEFICIE- NCY (W) VIRUS) OR (SIV) OR (VISNA (W) MAEDI (W) VIRUS) OR (VM- V) OR (CAPRINE (W) ARTHRITIS (W) ENCEPHALITIS (W) VIRUS) OR (- CAEV) OR (EQUI
S2	16	S1 AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG)
S3	654	S1 NOT PY>2001
S4	7	S2 AND S3
S5	1	RD (unique items)
S6	7	S4 NOT PD>010914
S7	1	RD (unique items)
S8	0	S7 AND PAIN
S9	0	S4 AND PAIN
S10	9	S1 AND PAIN
S11	0	S10 NOT PY>2001
S12	0	S1 AND (((DORSAL (W) ROOT (W) GANGLION) OR DRG) AND PAIN)

S13 17 S1 AND ((RETROGRADE (W) TRANSPORT))
S14 0 S13 AND (((DORSAL (W) ROOT (W) GANGLION) OR DRG) AND PAIN)
S15 0 S13 AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG)
S16 5 S13 AND PAIN
S17 2 RD (unique items)
S18 1 S17 NOT PD>010914
S19 1 1 AND ((RABIES (W) G (W) PROTEIN) AND PSEUDOTYPE)
S20 0 S1 AND ((RABIES (W) G (W) PROTEIN) AND PSEUDOTYPE)
S21 6 S1 AND (RABIES (W) G (W) PROTEIN)
S22 1 S21 NOT PD>010914
S23 0 S1 AND ((CELLULAR(W) EXCITABILITY) OR (MODULATE (N) (OPIOID (W) RECEPTOR)) OR (MODULATE (N) (ION (W) CHANNEL)) OR (MODULATE (N) (POTASSIUM (W) ION (W) CHANNEL)) OR (MODULATE (N) (NMDA (W) RECEPTOR)))
S24 3 S1 AND ((ION (W) CHANNEL) OR (POTASSIUM (W) ION (W) CHANNEL) OR (SODIUM (W) ION (W) CHANNEL) OR (SODIUM (W) CHANNEL) OR (CALCIUM (W) ION (W) CHANNEL) OR (CALCIUM (W) CHANNEL) OR (CHLORIDE (W) ION (W) CHANNEL) OR (CHLORIDE (W) CHANNEL) OR (CHLORINE (W) CH
S25 3 RD (unique items)
S26 0 S24 AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG)
S27 0 S24 AND PAIN
S28 2 S1 AND (((DNA OR RNA) (W) SEQUENCE) OR (SYNTHETIC (W) (DNA OR RNA) (W) SEQUENCE) OR (RECOMBINANT (W) (DNA OR RNA) (W) SEQUENCE) OR (CDNA (W) SEQUENCE) OR (GENOMIC (W) DNA)) AND ((TARGETED (W) PROMOTER) OR (INDUCIBLE (W) PROMOTER)))
S29 2 RD (unique items)
S30 0 S29 AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG)
S31 1 S28 AND PAIN
S32 0 S31 NOT PY>2001
S33 2 S1 AND (SCREEN AND (((DNA OR RNA) (W) SEQUENCE) OR (SYNTHETIC (W) (DNA OR RNA) (W) SEQUENCE) OR (RECOMBINANT (W) (DNA OR RNA) (W) SEQUENCE) OR (CDNA (W) SEQUENCE) OR (GENOMIC (W) DNA) OR COMPOUND OR DRUG))
S34 1 S33 NOT PY>2001
S35 6 ((PAIN) AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG) AND (SCREEN AND (((DNA OR RNA) (W) SEQUENCE) OR (SYNTHETIC (W) (DNA OR RNA) (W) SEQUENCE) OR (RECOMBINANT (W) (DNA OR RNA) (W) SEQUENCE) OR (CDNA (W) SEQUENCE) OR (GENOMIC (W) DNA) OR COMPOUND OR DRUG)))
S36 4 S35 NOT PY>2001
S37 4 RD (unique items).
S38 3 S37 NOT PD>010914
S39 0 S35 AND (TRANSCRIPTOME OR PROTEOSOME)
S40 0 S35 AND ((ANALYS? (N) PAIN) OR (EVALUAT? (N) PAIN))
S41 0 ((PAIN NEAR TREATMENT) AND (SCREEN AND (((DNA OR RNA) (W) SEQUENCE) OR (SYNTHETIC (W) (DNA OR RNA) (W) SEQUENCE) OR (RECOMBINANT (W) (DNA OR RNA) (W) SEQUENCE) OR (CDNA (W) SEQUENCE) OR (GENOMIC (W) DNA) OR COMPOUND OR DRUG)))
S42 4 ((PAIN (N) TREATMENT) AND (SCREEN AND (((DNA OR RNA) (W) SEQUENCE) OR (SYNTHETIC (W) (DNA OR RNA) (W) SEQUENCE) OR (RECOMBINANT (W) (DNA OR RNA) (W) SEQUENCE) OR (CDNA (W) SEQUENCE) OR (GENOMIC (W) DNA) OR COMPOUND OR DRUG)))
S43 2 S42 NOT PD>010914
S44 2 RD (unique items)
S45 0 S44 AND S1
S46 0 S44 AND ((DORSAL (W) ROOT (W) GANGLION) OR DRG)
S47 0 S1 AND ((ANALY? (N) PAIN) OR (EVALUAT? (N) PAIN))

? b 411

\$0.00 1 Type(s) in Format 6
 \$0.64 4 Type(s) in Format 95 (KWIC)
 \$0.64 5 Types
 \$54.33 Estimated cost File5
 \$18.44 2.974 DialUnits File24
 \$18.44 Estimated cost File24
 \$2.85 0.460 DialUnits File28
 \$2.85 Estimated cost File28
 \$204.78 9.249 DialUnits File34
 \$204.78 Estimated cost File34
 \$3.39 0.827 DialUnits File35
 \$3.39 Estimated cost File35
 \$2.94 0.411 DialUnits File40
 \$2.94 Estimated cost File40
 \$2.41 0.389 DialUnits File41
 \$2.41 Estimated cost File41
 \$7.99 1.736 DialUnits File50
 \$7.99 Estimated cost File50
 \$3.51 0.937 DialUnits File65
 \$3.51 Estimated cost File65
 \$28.41 3.247 DialUnits File71
 \$28.41 Estimated cost File71
 \$88.65 8.340 DialUnits File73
 \$0.00 1 Type(s) in Format 6
 \$0.00 1 Types
 \$88.65 Estimated cost File73
 \$1.16 0.269 DialUnits File91
 \$1.16 Estimated cost File91
 \$5.55 1.587 DialUnits File94
 \$5.55 Estimated cost File94
 \$4.24 0.998 DialUnits File98
 \$0.00 4 Type(s) in Format 8
 \$0.00 4 Types
 \$4.24 Estimated cost File98
 \$1.22 0.212 DialUnits File110
 \$1.22 Estimated cost File110
 \$5.25 0.972 DialUnits File135
 \$5.25 Estimated cost File135
 \$2.67 0.430 DialUnits File136
 \$2.67 Estimated cost File136
 \$2.72 0.905 DialUnits File143
 \$2.72 Estimated cost File143
 \$27.34 6.075 DialUnits File144
 \$27.34 Estimated cost File144
 \$32.19 9.467 DialUnits File155
 \$0.22 1 Type(s) in Format 3
 \$0.00 1 Type(s) in Format 8
 \$0.22 2 Types
 \$32.41 Estimated cost File155
 \$1.21 0.346 DialUnits File164
 \$1.21 Estimated cost File164
 \$4.59 0.432 DialUnits File172
 \$4.59 Estimated cost File172
 \$3.68 0.599 DialUnits File185
 \$3.68 Estimated cost File185
 \$44.14 2.098 DialUnits File357
 \$4.90 2 Type(s) in Format 3
 \$4.90 2 Types
 \$49.04 Estimated cost File357
 \$0.91 0.261 DialUnits File369
 \$0.91 Estimated cost File369

\$0.85 0.242 DialUnits File370
\$0.85 Estimated cost File370
\$0.00 0.495 DialUnits File391
\$0.00 Estimated cost File391
\$20.96 0.947 DialUnits File434
\$20.96 Estimated cost File434
\$1.36 0.212 DialUnits File467
\$1.36 Estimated cost File467
OneSearch, 29 files, 64.217 DialUnits FileOS
\$14.66 TELNET
\$597.52 Estimated cost this search
\$597.60 Estimated total session cost 64.437 DialUnits

File 411:DIALINDEX(R)

DIALINDEX(R)

(c) 2005 Dialog

*** DIALINDEX search results display in an abbreviated ***
*** format unless you enter the SET DETAIL ON command. ***

? save temp

>>>There is nothing to save

? logoff

18nov05 15:06:59 User276741 Session D61.3

\$0.29 0.109 DialUnits File411

\$0.29 Estimated cost File411

\$0.10 TELNET

\$0.39 Estimated cost this search

\$597.99 Estimated total session cost 64.546 DialUnits

Logoff: level 05.08.03 D 15:06:59

You are now logged off

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1400	((lentivirus or lentiviral) adj vector) and ((human adj immunodeficiency adj virus) or HIV or (simian adj immunodeficiency adj virus) or (SIV) or (visna adj maedi adj virus) or (VMV) or (caprine adj arthritis adj encephalitis adj virus) or (CAEV) or (equine adj infectious adj anaemia) or (EIAV) or (feline adj immunodeficiency adj virus) or (FIV) or (bovine adj immunodeficiency adj virus) or (BIV))	US-PGPUB; USPAT	OR	ON	2005/11/18 13:23
L2	532	L1 and @ay<="2001"	US-PGPUB; USPAT	OR	ON	2005/11/18 13:23
L5	438	L2 and @ad<="20010914"	US-PGPUB; USPAT	OR	ON	2005/11/18 13:51
L6	4	L5 and ((dorsal adj root adj ganglion) or DRG)	US-PGPUB; USPAT	OR	ON	2005/11/18 13:50
L7	68	L5 and pain	US-PGPUB; USPAT	OR	ON	2005/11/18 13:26
L8	2	L5 and (pain and ((dorsal adj root adj ganglion) or DRG))	US-PGPUB; USPAT	OR	ON	2005/11/18 13:27
L9	36	L5 and @pd<="20010914"	US-PGPUB; USPAT	OR	ON	2005/11/18 13:38
L11	0	L9 and ((dorsal adj root adj ganglion) or DRG)	US-PGPUB; USPAT	OR	ON	2005/11/18 13:26
L12	6	L9 and pain	US-PGPUB; USPAT	OR	ON	2005/11/18 13:27
L13	0	L9 and (pain and ((dorsal adj root adj ganglion) or DRG))	US-PGPUB; USPAT	OR	ON	2005/11/18 13:27
L14	13	L5 and ((retrograde) or (retrograde adj transport))	US-PGPUB; USPAT	OR	ON	2005/11/18 13:33
L17	4	L5 and ((retrograde adj transport))	US-PGPUB; USPAT	OR	ON	2005/11/18 13:35
L19	0	L6 and ((retrograde adj transport))	US-PGPUB; USPAT	OR	ON	2005/11/18 13:35
L20	2	L5 and ((rabies adj G adj protein) and pseudotype)	US-PGPUB; USPAT	OR	ON	2005/11/18 13:36
L21	0	L6 and ((rabies adj G adj protein) and pseudotype)	US-PGPUB; USPAT	OR	ON	2005/11/18 13:35
L22	6	L5 and ((cellular adj excitability) or (modulate near (opioid adj receptor)) or (modulate near (ion adj channel)) or (modulate near (potassium adj ion adj channel)) or (modulate near (NMDA adj receptor)))	US-PGPUB; USPAT	OR	ON	2005/11/18 13:36

L23	1	L7 and ((cellular adj excitability) or (modulate near (opioid adj receptor)) or (modulate near (ion adj channel)) or (modulate near (potassium adj ion adj channel)) or (modulate near (NMDA adj receptor)))	US-PGPUB; USPAT	OR	ON	2005/11/18 13:36
L24	0	L22 and @pd<="20010914"	US-PGPUB; USPAT	OR	ON	2005/11/18 13:37
L25	66	L5 and ((ion adj channel) or (potassium adj ion adj channel) or (sodium adj ion adj channel) or (sodium adj channel) or (calcium adj ion adj channel) or (calcium adj channel) or (chloride adj ion adj channel) or (chloride adj channel) or (chlorine adj channel) or KIR)	US-PGPUB; USPAT	OR	ON	2005/11/18 13:37
L26	4	L6 and ((ion adj channel) or (potassium adj ion adj channel) or (sodium adj ion adj channel) or (sodium adj channel) or (calcium adj ion adj channel) or (calcium adj channel) or (chloride adj ion adj channel) or (chloride adj channel) or (chlorine adj channel) or KIR)	US-PGPUB; USPAT	OR	ON	2005/11/18 13:38
L27	15	L7 and ((ion adj channel) or (potassium adj ion adj channel) or (sodium adj ion adj channel) or (sodium adj channel) or (calcium adj ion adj channel) or (calcium adj channel) or (chloride adj ion adj channel) or (chloride adj channel) or (chlorine adj channel) or KIR)	US-PGPUB; USPAT	OR	ON	2005/11/18 13:39
L28	3	L25 and @pd<="20010914"	US-PGPUB; USPAT	OR	ON	2005/11/18 13:46
L29	0	L26 and @pd<="20010914"	US-PGPUB; USPAT	OR	ON	2005/11/18 13:38
L30	0	L27 and @pd<="20010914"	US-PGPUB; USPAT	OR	ON	2005/11/18 13:38
L31	2	L8 and ((ion adj channel) or (potassium adj ion adj channel) or (sodium adj ion adj channel) or (sodium adj channel) or (calcium adj ion adj channel) or (calcium adj channel) or (chloride adj ion adj channel) or (chloride adj channel) or (chlorine adj channel) or KIR)	US-PGPUB; USPAT	OR	ON	2005/11/18 13:39

L32	260	L5 and (((DNA or RNA) adj sequence) or (synthetic adj (DNA or RNA) adj sequence) or (recombinant adj (DNA or RNA) adj sequence) or (cDNA adj sequence) or (genomic adj DNA)) and ((targeted adj promoter) or (inducible adj promoter)))	US-PGPUB; USPAT	OR	ON	2005/11/18 13:53
L33	43	L7 and (((DNA or RNA) adj sequence) or (synthetic adj (DNA or RNA) adj sequence) or (recombinant adj (DNA or RNA) adj sequence) or (cDNA adj sequence) or (genomic adj DNA)) and ((targeted adj promoter) or (inducible adj promoter)))	US-PGPUB; USPAT	OR	ON	2005/11/18 13:45
L34	2	L33 and @pd<="20010914"	US-PGPUB; USPAT	OR	ON	2005/11/18 13:57
L35	0	L5 and (((dorsal adj root adj ganglion) or DRG) and (sensory adj neuron adj cell adj body))	US-PGPUB; USPAT	OR	ON	2005/11/18 13:50
L36	0	L5 and (((dorsal adj root adj ganglion) or DRG) and (sensory adj neuron adj cell))	US-PGPUB; USPAT	OR	ON	2005/11/18 13:50
L37	417	(pain and ((dorsal adj root adj ganglion) or DRG)) and @ad<="20010914"	US-PGPUB; USPAT	OR	ON	2005/11/18 13:51
L38	403	L37 and treatment	US-PGPUB; USPAT	OR	ON	2005/11/18 13:52
L39	218	L37 and screen	US-PGPUB; USPAT	OR	ON	2005/11/18 13:56
L41	214	L37 and (screen and (((DNA or RNA) adj sequence) or (synthetic adj (DNA or RNA) adj sequence) or (recombinant adj (DNA or RNA) adj sequence) or (cDNA adj sequence) or (genomic adj DNA) or compound or drug))	US-PGPUB; USPAT	OR	ON	2005/11/18 14:07
L44	2	L39 and (transcriptome or proteosome)	US-PGPUB; USPAT	OR	ON	2005/11/18 14:08
L45	55	L41 and @pd<="20010914"	US-PGPUB; USPAT	OR	ON	2005/11/18 14:08
L46	0	L45 and (transcriptome or proteosome)	US-PGPUB; USPAT	OR	ON	2005/11/18 13:59
L47	6	L45 and ((analys\$4 near pain) or (evaluat\$3 adj pain))	US-PGPUB; USPAT	OR	ON	2005/11/18 14:09

L48	394	((pain near treatment) and (screen and (((DNA or RNA) adj sequence) or (synthetic adj (DNA or RNA) adj sequence) or (recombinant adj (DNA or RNA) adj sequence) or (cDNA adj sequence) or (genomic adj DNA) or compound or drug))) and @ad<="20010914"	US-PGPUB; USPAT	OR	ON	2005/11/18 14:08
L49	0	L48 and (transcriptome or proteosome)	US-PGPUB; USPAT	OR	ON	2005/11/18 14:08
L50	244	L48 and @pd<="20010914"	US-PGPUB; USPAT	OR	ON	2005/11/18 14:08
L51	6	L50 and ((analys\$4 near pain) or (evaluat\$3 adj pain))	US-PGPUB; USPAT	OR	ON	2005/11/18 14:09
L52	1	"20040170608"	US-PGPUB; USPAT	OR	ON	2005/11/18 14:50